



Kentucky Agricultural Statistics Service
P.O. Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277

KENTUCKY WEEKLY CROP & WEATHER REPORT



Prepared in Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, State Statistician

Released weekly April through November

Issued 4:00 P.M., May 14, 2001

RPT 8-01

AGRICULTURAL NEWS: Much needed rains early in the week were most welcome but most areas need additional rain. Moisture helped plant germination and most areas got enough rain to continue seeding corn and soybeans and setting tobacco. Weekend showers in central and northern areas improved pastures and hay crops and cooler temperatures during the week kept emerged plants from withering in dry soils. Farmers were busy planting corn and soybeans, setting tobacco and putting up hay. **Days suitable for fieldwork** averaged 4.8 out of six. **Topsoil moisture** as of May 11 was rated 26 percent very short, 46 percent short, and 28 percent adequate. **Subsoil moisture** was rated 31 percent very short, 45 percent short, and 24 percent adequate. Early hay crops are reported to be short, with generally good quality. Armyworms are a big problem in western Kentucky.

CORN: Planting was nearing completion in Western Kentucky and good progress was made throughout the rest of the State. As of Sunday, May 13, 93 percent of the crop had been planted compared with 85 percent last year, and 63 percent for the five-year average. Corn emerged was 78 percent compared to last year's 66 percent and the average of 51 percent. Emerged corn was in mostly good condition, with 1 percent very poor, 9 percent poor, 28 percent fair, 51 percent good and 11 percent excellent.

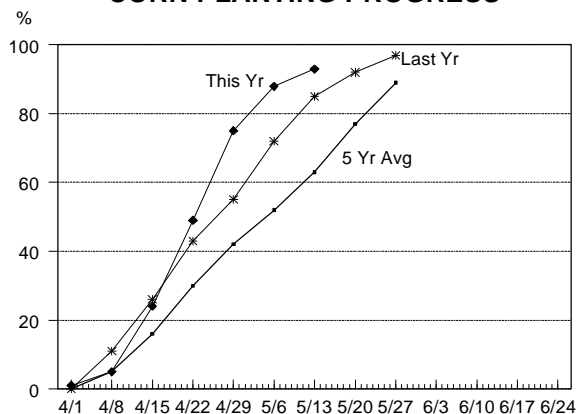
SOYBEANS: Soybeans advanced to 43 percent seeded as of May 13. This was well ahead of the 16 percent seeded last year and the five-year average of 9 percent.

TOBACCO: Dry weather last week slowed transplanting of burley tobacco, but dark tobacco made good progress. A good supply of plants was generally reported. Burley transplanting advanced to 19 percent complete by May 13, compared with 14 percent last year and the five-year average of 9 percent. Dark tobacco was 25 percent set compared with 14 percent a year ago and the average of 7 percent. Condition of set tobacco was 5 percent poor, 34 percent fair, 57 percent good and 4 percent excellent

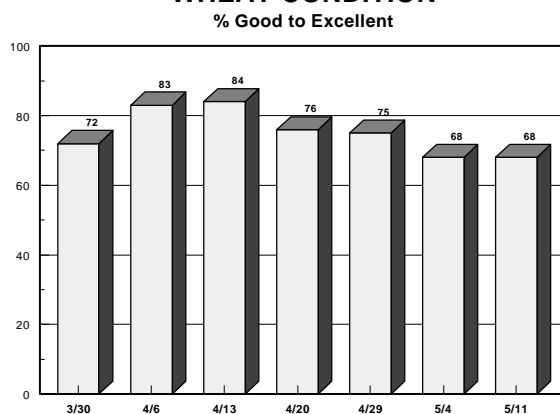
SMALL GRAINS: Much of the **wheat** crop has short stalks and was heading early due to dry weather. Some acreage was already being harvested as hay. Armyworms are a problem in the driest areas of the State. As of Friday, May 11 wheat condition was 1 percent very poor, 4 percent poor, 27 percent fair, 54 percent good and 14 percent excellent. Some damage from the late spring freeze has become evident in some fields.

OTHER CROPS: This week's rain will improve hay crops and pastures. Early **hay** harvest was small but of good quality. Standing hay crops were rated 6 percent very poor, 25 percent poor, 41 percent fair, 25 percent good, and 3 percent excellent as of Friday, May 11. **Pastures** were rated 6 percent very poor, 24 percent poor, 38 percent fair, 29 percent good and 3 percent excellent. About 35 percent of **sorghum** acreage had been seeded by the end of the week. The **strawberry** crop was reported to be 55 percent small in size due to the lack of moisture, 37 percent are medium sized and 8 percent large.

CORN PLANTING PROGRESS



WHEAT CONDITION



KENTUCKY CROP PROGRESS

WEEK ENDING MAY 13, 2001

WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Corn					
Planted	93	85	63	88	58
Emerged	78	66	51	66	20
Soybeans					
Planted	43	16	9	30	20
Burley Tobacco Set	19	14	9	10	NA
Dark Tobacco Set	25	14	7	9	NA

(NA) Data Not Available.

SOIL MOISTURE

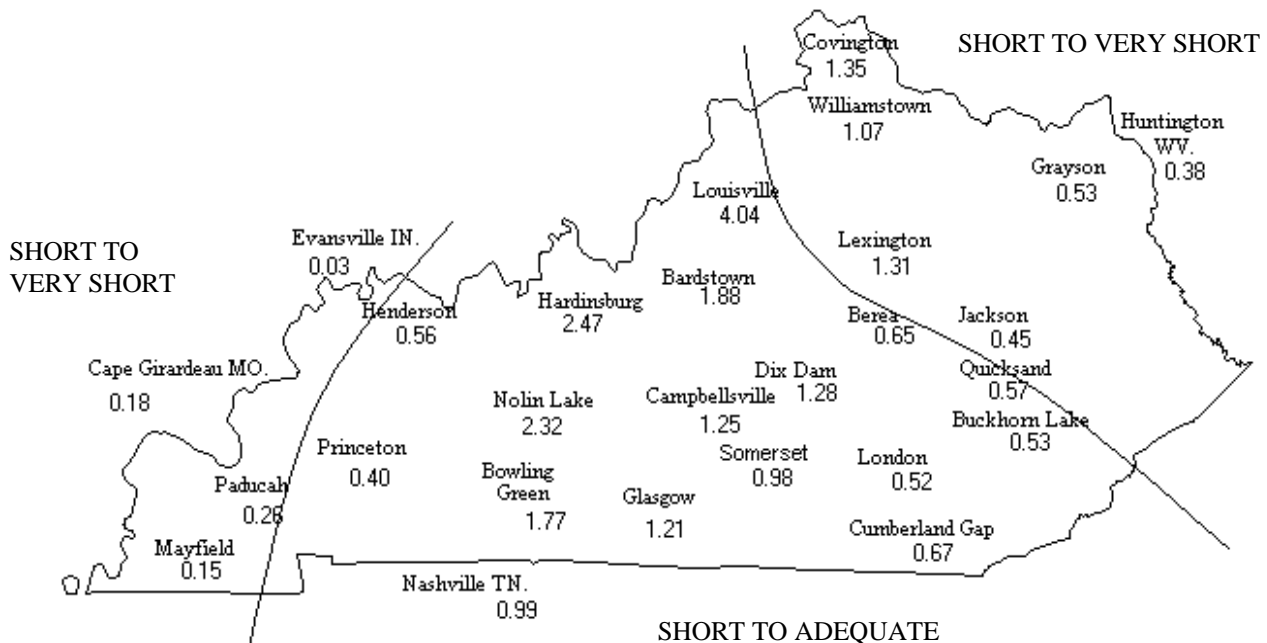
WEEK ENDING MAY 11, 2001

WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	26	37
Short	46	47
Adequate	28	16
Surplus	0	0
SUBSOIL		
Very Short	31	28
Short	45	49
Adequate	24	22
Surplus	0	1

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING MAY 11, 2001					WEEK ENDING MAY 4, 2001				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Corn Emerged	1	9	28	51	11	5	9	30	47	9
Wheat	1	4	27	54	14	1	7	24	54	14
Pasture	6	24	38	29	3	9	23	39	27	2
Hay Crops	6	25	41	25	3	10	22	40	25	3
Tobacco Set	0	5	34	57	4	-	-	-	-	-

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, MAY 13, 7:00 P.M.**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, MAY 11, 2001**

KENTUCKY WEATHER SUMMARY, MAY 7 - 13, 2001:

ABOVE NORMAL TEMPERATURES AND NEAR NORMAL RAINFALL:

Kentucky finally received some much need rainfall last week. After 10 weeks of BELOW normal rainfall, the State received NEAR normal amounts with Central and Bluegrass receiving ABOVE normal amounts and West and East receiving BELOW normal amounts. As for temperatures the beginning of the week started out with warm temperatures but as the week progressed high temperatures dropped to more comfortable levels with lows over the weekend dropping as low as the 40s in some areas of the State.

Temperatures for the period averaged 66 degrees across the State which was 1 degree ABOVE NORMAL. High temperatures averaged from 78 in the West to 74 in the East. Departure from normal high temperatures ranged from 1 degree BELOW NORMAL in the West to NEAR NORMAL in the East. Low temperatures averaged from 55 degrees in the West to 54 degrees in the East. Departure from normal low temperature ranged from NEAR NORMAL in the West to 1 degree ABOVE NORMAL in the East. Extreme highs were in the mid 80s with extreme lows in the low 40s. Corn growing degree day accumulations since April 1st ranged from 159 ABOVE normal at Covington and 200 ABOVE normal at Princeton. Rainfall for the period totaled 1.06 inches statewide which was NEAR NORMAL. Precipitation totals by climate division, West 0.26 inches, Central 2.28 inches, Bluegrass 1.11 inches and East 0.58 inches, which was -0.84, +1.17, +0.09 and -0.43 inches respectively from normal. By Kentucky station, precipitation totals ranged from a low of 0.15 inches at Mayfield to a high of 4.04 inches at Louisville.

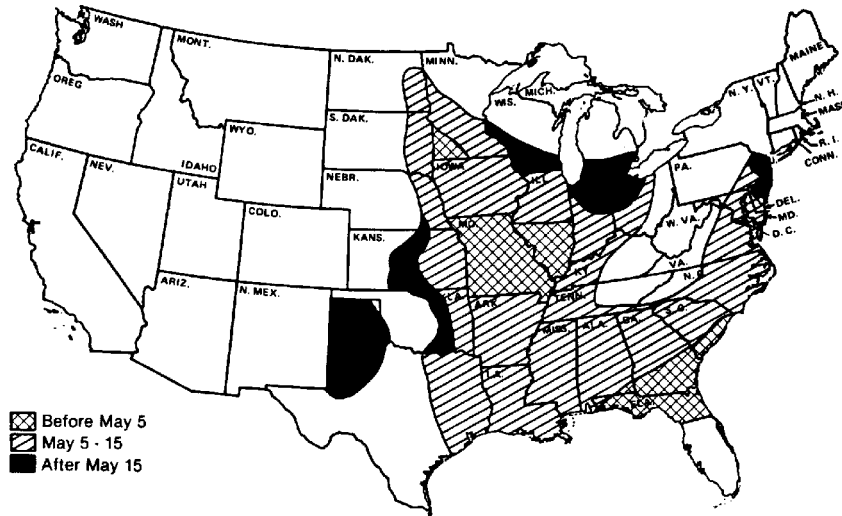
Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, MAY 13, 7:00 P.M.

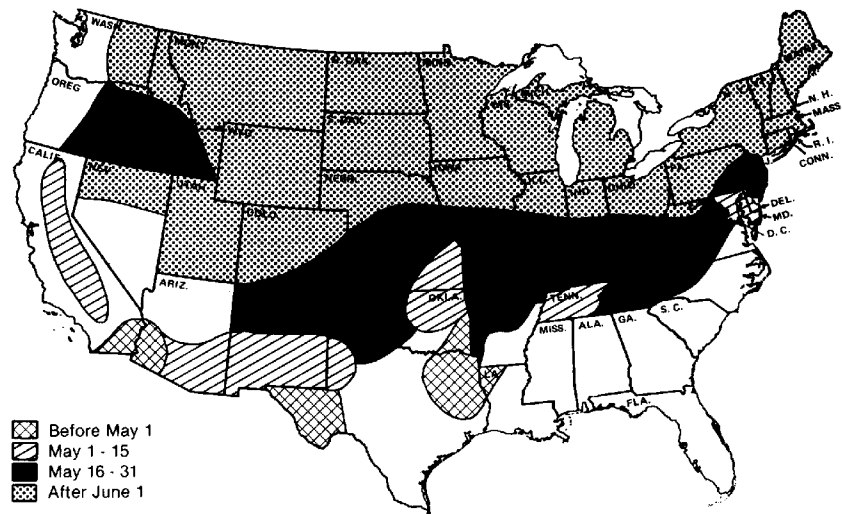
Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)					(Degrees Fahrenheit)						
Bardstown	1.88	4.05	2.33	-1.70	-1.48	81	44	66.1	+1	114	625	+130
Berea	0.65	2.21	0.87	-4.07	-3.28	84	43	65.2	+2	109	641	+133
Bowling Green	1.77	4.02	2.27	-2.37	-1.96	84	48	67.8	+3	125	672	+164
Bristol	0.60	2.43	0.95	-2.51	-2.34	81	49	63.9	+0	96	534	+82
Buckhorn Lake	0.53	2.84	1.06	-2.63	-2.54	83	47	64.4	+1	102	614	+162
Cape Girardeau	0.18	2.88	1.35	-3.73	-3.04	84	45	65.5	-1	112	674	+153
Campbellsville	1.25	3.63	1.56	-3.29	-2.99	84	44	66.1	+1	114	647	+139
Covington	1.35	2.93	1.89	-2.61	-1.78	83	43	64.2	+1	101	581	+159
Cumberland Gap	0.67	2.95	0.77	-3.15	-3.29	80	49	64.7	+1	102	612	+160
Dix Dam	1.28	2.97	1.58	-3.24	-2.52	81	44	65.7	+2	112	626	+131
Evansville	0.03	1.76	0.44	-4.25	-3.56	86	42	67.1	+0	123	667	+189
Glasgow	1.21	3.77	1.73	-2.90	-2.67	85	45	67.3	+3	121	669	+221
Grayson	0.53	2.01	0.86	-3.41	-2.74	84	45	64.3	+1	102	610	+201
Hardinsburg	2.47	4.19	2.83	-2.16	-1.37	84	45	66.8	+2	118	665	+157
Henderson	0.56	2.96	1.04	-3.21	-3.00	84	44	66.7	-0	120	680	+172
Huntington	0.38	1.90	0.71	-3.49	-2.88	85	45	64.1	+1	103	609	+157
Jackson	0.45	2.26	0.99	-3.72	-2.94	80	47	63.5	-0	95	616	+164
Lexington	1.31	2.45	1.54	-3.30	-2.27	83	44	66.0	+2	113	616	+194
London	0.52	2.33	0.63	-3.38	-3.12	78	46	62.4	-1	87	562	+110
Louisville	4.04	5.05	4.30	-1.12	+0.25	84	44	66.4	+2	116	662	+184
Mayfield	0.15	1.67	0.64	-5.48	-3.99	82	46	65.7	-1	110	636	+85
Nashville	0.99	3.42	1.33	-3.00	-2.90	81	51	68.0	+3	124	688	+137
Nolin Lake	2.32	4.28	2.76	-2.55	-1.80	84	47	67.4	+3	122	668	+173
Paducah	0.26	2.32	0.74	-4.76	-3.84	84	46	66.6	-0	116	690	+169
Princeton	0.40	2.56	0.91	-4.32	-3.57	84	48	68.4	+2	129	738	+200
Quicksand	0.57	2.78	1.19	-3.20	-2.74	84	47	64.4	+1	101	612	+160
Somerset	0.98	3.40	1.06	-3.08	-3.24	85	45	64.8	+1	104	614	+119
Spindletop	0.99	2.77	1.27	-2.98	-2.54	82	44	64.4	+1	102	582	+160
Williamstown	1.07	2.22	1.59	-3.78	-2.33	84	45	66.3	+3	115	629	+207

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

SOYBEANS- USUAL START OF PLANTING



ALFALFA HAY - USUAL START OF HARVESTING, PRINCIPAL AREAS



This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, send an E-Mail message to nass-state-releases@news.usda.gov with the following command in the body of the message: **subscribe ky-crop-weather** <e-mail address>. The E-Mail address is optional; leave the address blank unless subscribing for someone else. The default address is where you sent the message from. You would unsubscribe in a similar way but use the word unsubscribe.

UNITED STATES DEPARTMENT OF AGRICULTURE
KENTUCKY AGRICULTURAL STATISTICS SERVICE
AGRICULTURAL STATISTICIAN
POST OFFICE BOX 1120
LOUISVILLE, KENTUCKY 40201-1120

ADDRESS SERVICE REQUEST

PRESORT
FIRST-CLASS MAIL
POSTAGE & FEES PAID
USDA
PERMIT NO. G-38